PTO/SB/05 (08-03) Approved for use through 07/31/2006, OMB 0651-0032 U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. H0003798 (1100.1204101) Attorney Docket No. UTILITY PATENT APPLICATION Peter F. Symosek First Inventor SIGNATURE SIMULATOR TRANSMITTAL Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) EV315609175US Express Mail Label No. Mail Stop Patent Application Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) See 37 CFR 1.27. 3. 🔽 Specification [Total Pages_ Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications Specification Sequence Listing on: Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Paper - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) c. Statements verifying identity of above copies - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s)
- Abstract of the Disclosure Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets ____11 10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 5. Oath or Declaration [Total Sheets 4 unsigned] English Translation Document (if applicable) a. Newly executed (original or copy) Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information:

Examiner

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number: 000128 OR Correspondence address below Name Kris Fredrick Honeywell International Inc. Address 101 Columbia Road State New Jersey City Zip Code Monistown ' 07962 Country Telephone | 763.954.5388 US

This collection of information is required by 37_CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application including gathering, preparing, ar on the amount of time you require and Trademark Office, U.S. Depa ADDRESS. SEND TO: Mail Stop

Signature

Name (Print/Type) John G. Shudy, Jr.

CERTIFICATE UNDER 37 C.F.R. 1.10:

Registration No. (Attorney/Agent) 31,214

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV31560917505, in an envelope addressed to: : Mail Stop Patent Application, Assistant Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 20th day of November, 2003.

to take 12 minutes to complete, individual case. Any comments Information Officer, U.S. Patent COMPLETED FORMS TO THIS

Novmeber 20, 2003

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2	FEE TRANSMITTAL for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.
173	for FY 2004
ے	Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

OTAL AMOUNT OF PAYMENT

Name (Print/Type)

Signature

John G. Shudy, Jr.

(\$) 1150.00

Complete if Known New US Application Application Number November 20, 2003 Filing Date Peter F. Symosek First Named Inventor unknown **Examiner Name** Art Unit unknown H0003798 (1100.1204101) Attorney Docket No.

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES					
Order Order		Large Entity Small Entity					
Deposit		Fee Code			Fee Description	Fee Paid	
Account Number 50-0413	╛	1051	130	2051		Surcharge - late filing fee or oath	ree raid
Deposit Account Crompton, Seager & Tufte		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Name		1053	130	1053	130	Non-English specification	
The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	,
FEE CALCULATION		1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE		1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity		1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Pee Pee Pee Pee Pee Pee	aid	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.	I	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	⊣ I	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee		1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee		1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00		1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REIS	SUF	1453	•	2453	665	Petition to revive - unintentional	
Fee from _	Paid	1501	•	2501		Utility issue fee (or reissue)	-
Extra Claims below Fee Total Claims 22 -20** = 2 X 18 = 36.	Faiu	1502	480	2502 2503		Design issue fee	
Independent 7 - 3** = 4 x 86 = 344		1503 1460	640 130	1460		Plant issue fee Petitions to the Commissioner	-
Multiple Dependent		1807	50	1807		Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity		1806	180	1806		Submission of Information Disclosure Stmt	
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)		8021		8021		Recording each patent assignment per	1
1202 18 2202 9 Claims in excess of 20			40			property (times number of properties)	
1201 86 2201 43 Independent claims in excess o	3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not	paid	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims over original patent		1801	770	2801	385	, , , , , , , , , , , , , , , , , , , ,	
1205 18 2205 9 ** Reissue claims in excess of 2 and over original patent	0	1802	900	1802	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 380.00		Other	fee (sp	ecify) _			
**or number previously paid, if greater; For Reissues, see above			*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				
SUBMITTED BY (Complete (if applicable))							

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(Attomey/Agent)

31,214

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November 20, 2003